

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

BEST AVAILABLE COPY

Applicant's or agent's file reference JL-21062-PCT	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/KR2003/002553	International filing date (<i>day/month/year</i>) 25 NOVEMBER 2003 (25.11.2003)	(Earliest) Priority Date (<i>day/month/year</i>)
Applicant CJ CORPORATION et al		

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (See Box No. III)

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

- b. ☒ none of the figure is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2003/002553

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 C07D 339/04**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean patents and applications for inventions since 1975: IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAPLUS, Delphion, Medline

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PARK J et al., "Screening of the anticancer potential of celecoxib and its derivatives" In Yakche Hakhoechi, 2003 JUNE, Vol. 33(2), pp 105-112 & CA 140:246247 see the whole document	1-3, 5-8
P, X	KR 2004-42246 A (CJ CORPORATION) 20 MAY 2004 see the whole document	1-8
A	US 5470871 A (LABORATOIRES DE THERAPEUTIQUE MODERNE) 28 NOVEMBER 1995 see the whole document	1-8
A	US 4760078 A (MITSUI TOATSU CHEMICALS INC.) 27 JULY 1988 see the whole document	1-8
A	SCHRIER DJ et al., "The pharmacologic effects of 5-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1,3,4-thiadiazole-2(3H)-thione, choline salt (CI-986), a novel inhibitor of arachidonic acid metabolism in models of inflammation, analgesia and gastric irritation" In Prostaglandins, 1994, JANUARY, Vol. 47(1), pp 17-30 see the whole document	1-8



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family


Date of the actual completion of the international search

28 JULY 2004 (28.07.2004)

Date of mailing of the international search report

28 JULY 2004 (28.07.2004)

Name and mailing address of the ISA/KR

 Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

Yoon, Kyung Ae

Telephone No. 82-42-481-5605



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2003/002553

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US5470871A	28.11.1995	AU1768592A	21.12.1992
		DE69201302D1	09.03.1995
		DE69201302T2	28.09.1995
		EP0576619A1	05.01.1994
		ES2070002T3	16.05.1995
		FR2676057A1	06.11.1992
		HU65702A2	28.07.1994
		JP3226920B2	12.11.2001
		W09219613A2	12.11.1992
		ZA9203169A	01.11.1993
US4760078A	26.07.1988	CA1301177C	19.05.1992
		DE3767894D1	14.03.1991
		EP0236929A2	16.09.1987
		HU47096A2	30.01.1989

BEST AVAILABLE COPY